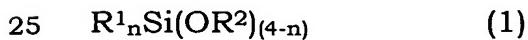


ABSTRACT

According to the present invention, a flame retardant can be obtained, which provides a thermoplastic resin composition excellent in flame retardancy and impact resistance, and by compounding this flame retardant in thermoplastic resin, a flame retardant resin composition excellent in flame retardancy and impact resistance can be obtained. The present invention relates to a graft copolymer containing polyorganosiloxane obtained by polymerizing 0 to 10 parts by weight of a vinyl monomer (B) comprising 100 to 20 % by weight of a multi-functional monomer containing at least two polymerizable unsaturated bonds in a molecule (b-1) and 0 to 80 % by weight of another copolymerizable monomer (b-2) and 5 to 70 parts by weight of a vinyl monomer (C), in the presence of 30 to 95 parts by weight of polyorganosiloxane in a latex state (A), so that the total amount of polyorganosiloxane (A), vinyl monomer (B) and vinyl monomer (C) becomes 100 parts by weight.

Also, according to the present invention, in a process for preparing an emulsion of polyorganosiloxane, polymerization conversion ratio can be improved. The present invention relates to a process for preparing an emulsion of polyorganosiloxane, which comprises obtaining polyorganosiloxane (H) by emulsion polymerizing cyclic organosiloxane under acidic conditions of pH of at most 5 and adding condensation reactive organosilane represented by formula (I):



(wherein R¹ represents an organic group, R² represents a hydrogen atom or an alkyl group having 1 to 5 carbon atoms, n represents an

integer of 0 to 3) or a partially hydrolyzed condensate thereof (I).